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1 of 2 #2 1/2  
SERIAL NO.

Form PTO-1449  
(REV. 8-83)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

**SERIAL NO.**

74451.P024

08/310,141

**APPLICANT**

Zandi et al.

FILING DATE

GROUP

9/20/94

2616

### INFORMATION DISCLOSURE CITATION

*(Use several sheets if necessary)*

## U.S. PATENT DOCUMENTS

GROUP 250

## FOREIGN PATENT DOCUMENTS

TRANSLATION	
YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

TJ		Antonini, e al., "Image Coding using Wavelet Transform", IEEE Transactions on Image Processing, Vol 1, No. 2, April 1992, pp. 205-220.
TJ		Komatsu, et al., "Reversible Subband Coding of Images, pp. 429-436 (Japanese).
TJ		Langdon, Jr., Glen G., "Sunset: A Hardware-Oriented Algorithm for Lossless Compression of Gray Scale Images", SPIE Vol. 1444, Image Capture, Formatting, and Display, 1991, p. 272-282
TJ		Howard et al., "Fast and Efficient Lossless Image Compression", IEEE, 1993, pp. 351-360.

**EXAMINER**

Timothy M. Johnson

DATE CONSIDERED

8/6/96

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line  
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8/941,466

#9

Sheet 1 of 2

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2613

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TJ	5 2 4 1 3 9 5	8-31-93	Chen	358	261.3	
TJ	5 3 8 1 1 4 5	1-10-95	Allen et al.	341	107	2/93
TJ	4 8 9 4 7 1 3	1-16-90	DeLoe et al.	358	133	
TJ	4 9 2 2 5 4 4	5-01-90	Stansfeld et al.	382	56	
TJ	4 9 9 9 7 0 5	3-12-91	Aono et al.	358	136	
TJ	5 1 0 9 4 5 1	4-28-92	Aono et al.	382	56	
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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
TJ	WO 91 089 02	3-21-91	PCT	H04N	1/419		
TJ	06 11 051 A1	8-17-94	EPO	H04N	1/41		
TJ	22 11 691 A	5-07-89	UK	H04N	7/133		
TJ	05 93 01 3 A2	4-20-94	EPO	H04N	7/13		
TJ	05 10 93 3 A1	10-28-92	EPO	H04N	1/41		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TJ	Amir Said et al... "Image Compression Using the Spatial-Orientation Tree". IEEE 1993 P.279-282

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